

## INFORMATION REPORT

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COUNTRY Belgium/U.S.S.R.

CD NO.

DATE DISTR 5 Sep 50

SUBJECT Soviet Purchases of Paper Manufacturing Machinery

NO. OF PAGES 2

NO. OF ENCL'S.  
(LISTED BELOW)PLACE  
25X1ACQUIRED [REDACTED]DATE OF  
INFO. [REDACTED]SUPPLEMENT TO  
REPORT NO.

25X [REDACTED]

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The following is an order  
for material to be used in the manufacture of paper.

- a. Ten beaters with automatic adjusting of the drum position for grinding cellulose and linen and cotton material for the manufacture of a superior quality paper of 40-120 gr./M<sup>2</sup>.  
Capacity of the beater: 5,000 liters.  
Concentration of the bulk: 5-6% of the completely dry bulk.  
Mounting of the beater in stainless metal with a sufficient quantity of lining plates.  
Individual drive, Textrope transmission.  
Electric motor and measuring and control devices.  
For one beater - electrical equipment for 500 Volts.  
For five beaters - electrical equipment for 220/380 Volts.
- b. Two Smit-Egan system continuous-operation beaters for grinding of cellulose and of linen and cotton material for the manufacture of a superior quality paper of 40-120 gr./M<sup>2</sup>.  
Concentration of the bulk: 6-8% of the completely dry bulk.  
Capacity: 5,000 liters.  
Mounted in stainless metal.  
One beater - electrical equipment for 500 Volts.  
One beater - electrical equipment for 220/380 Volts.
- c. One cross-form mill, Strecker-Kirchner model with cross-bars on the joints and one buffer in special rubber.  
Concentration of the bulk: 3 to 5% of the completely dry bulk.  
Capacity: up to ten tons in 24 hours.  
220/380 Volts electrical equipment.
- d. Two working machines to purify the kaolin solution from foreign mixtures.  
Concentration of the solution: 200 grains per liter.  
One machine; with a capacity of up to 5 tons every 24 hours, 500 Volt electrical equipment. The other machine; with a capacity of up to 3 tons every 24 hours, 220/380 Volt electrical equipment.

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Next Review Date: 2000 Approved For Release 2001/03/05 : CIA-RDP82-00457R005600630012-2

Document #	10
No. Change in Clas.	<input type="checkbox"/>
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Class. Changed To:	S C
Auth. No. 10-2	
Date:	2000-12-2
By:	[Signature]

Approved For Release 2001/03/05 : CIA-RDP82-00457R005600630012-2  
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- e. Two super calenders with 10 cylinders for glazing paper of super quality; 50 to 250 gr/M<sup>2</sup>.  
Width: two meters.  
Tubing for heating and cooling the cylinders, with an initial maximum speed of 10 meters per minute.  
One machine with exchange paper cylinders.  
220/380 Volt electrical equipment.
- f. Five floating traps for carrying off the fiber in waste water from the paper-making machines.  
Capacity: 150 M<sup>3</sup>/per hour.  
Concentration of the fiber to be carried off: 0.2% of the completely dry bulk.
- g. Brush humidifiers for moistening the paper liner in rolls.  
Width: two meters.  
Two spare brush machines.  
Electrical equipment: 220/380 Volts.
- h. Six machines for separating the bulk of paper from the mixtures at the time of manufacture of the superior quality paper.  
Capacity: 20 M<sup>3</sup> per hour.  
Three machines with electrical equipment for 500 Volts.  
Three machines with electrical equipment for 220/380 Volts.
- i. Super 12-cylinder calenders for glazing superior quality paper to the highest degree from 50 to 250 gr/M<sup>2</sup>.  
Width: 3.3 meters.  
Tubings for heating and cooling the cylinders.  
Adjustment of the output speed in the limits of 30 to 200 meters per minute.  
Initial speed: 12 meters per minute maximum.  
One reserve machine with paper cylinders.  
Electrical equipment for 500 Volts.
- j. Three automatic cutters for cutting superior quality paper from 50 to 250 grains/M<sup>2</sup>.  
Width: 2.2/meters.  
with automatic device regulating the cut and marking the filigree.  
Electrical equipment for 220/380 Volts.
- k. Two tools from 0.7 to 1.2 meters in width to pack paper in rolls.  
Electrical equipment on one tool 500 Volts; on the other 220/380 Volts.
- l. Four electric presses for packing superior quality paper in leaves of a minimum of 410 x 570mm. to a maximum of 900 x 1,200 mm.  
Two presses to have electrical equipment of 500 Volts, two of 220/380 Volts.

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